

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(68603.507DV2)

Applicant: Sullivan *et al.*

Serial No.: TBA

Filing Date: June 27, 2003

Title: In Vivo Induction for Enhanced  
Function of Isolated Hepatocytes

Art Unit: TBA

Examiner: TBA

**Mail Stop: Patent Application**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. § 1.97, Applicants submit the references listed on the attached PTO Form 1449. Copies of the International Search Report and International Preliminary Examination Report for PCT application number PCT/US00/20113, corresponding to the priority application, are also enclosed for your reference. The submission of this statement is not a representation that a search has been made, or that no better or other relevant art exists. This submission is also not an admission that any of the cited references is, or is considered to be, material to patentability or that any of the cited references constitutes prior art to the invention. Moreover, the Applicants understand that the Examiner will make an independent evaluation of the cited publications.

This application is a divisional of co-pending application Serial No. 10/036,593, filed December 21, 2001, which is a divisional of Serial No. 09/621,921, filed July 24, 2000, now U.S. Patent No. 6,394,812, issued May 28, 2002, which claims the benefit of provisional application Serial No. 60/145,362, filed July 22, 1999.

Copies of the references listed on the attached PTO Form 1449 are not enclosed herewith as these references have been submitted in the priority cases. However, copies can be provided upon request.

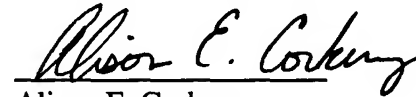
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DATE OF DEPOSIT 27 June 2003

This statement is being filed before the mailing of a first Office Action on the merits. Therefore, no fees are believe to be due in connection with this submission. However, please charge any underpayments or credit any overpayments to Deposit Account No. 08-0219.

Respectfully submitted,

HALE AND DORR LLP

Dated: 6/27/03



Alison E. Corkery  
Registration No. 52,770  
Attorney for Applicant

60 State Street  
Boston, MA 02109  
(617) 526-6000  
(617) 526-5000 (fax)

Subt. For, PTO-1449				Docket Number 68603-507DV2		Application Number TBA	
<b>INFORMATION DISCLOSURE IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>				Applicant Sullivan, et al.			
				Filing Date		Group Art Unit TBA	
Sheet	1	OF	2				

U.S. Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,030,105	7/9/1991	Kuri-Harcuch, et al.			
	5,445,956	8/29/1995	Hammock, et al.			
	5,466,696	11/14/1995	Woolf			
	5,506,131	4/9/1996	Harris, et al.			
	5,576,207	11/19/1996	Reid, et al.			
	5,866,420	2/2/1999	Talbot, et al.			
	5,869,243	2/9/1999	Jauregui, et al.			
	6,127,117	10/3/2000	Morris, et al.			

Foreign Patent Documents							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)		
	A1	Baron et al. Effects of 3-methylcholanthrene, $\beta$ -naphthoflavone and phenobarbital on the 3-methylcholanthrene-inducible isozyme of cytochrome p-450 within centrilobular, midzonal and periportal hepatocytes (1982) J. Biol. Chem., Vol. 257, No. 2, pages 953-7.
	A2	Morel et al. Preferential increase of glutathione s-transferase class $\alpha$ transcripts in cultured human hepatocytes by phenobarbital, 3-methylcholanthrene, and dithiolethiones (1993) Cancer Research, Vol. 53, pages 231-234.
	A3	Nishibe et al., Effects of phenobarbital and other model inducers on cytochrome p450 isozymes in primary culture of dog hepatocytes (1993) Xenobiotica, Vol. 23, No. 6, pages 681-692.
	A4	van't Klooster et al., Cytochrome p450 induction and metabolism of alkoxyresorufins, ethylmorphine and testosterone in cultured hepatocytes from goats, sheep and cattle (1993) Biochemical Pharmacology, Vol. 46, No. 10, pages 1781-1790.
	A5	Monshouwer et al., Characterization of cytochrome p450 isoenzymes in primary cultures of pig hepatocytes (Dec. 1998) Toxicology in Vitro, Vol. 12, pages 715-723.

EXAMINER	DATE CONSIDERED
<b>EXAMINER:</b> Initial if citation is considered, whether or not citation is in conformance with MPEP § 609: Draw Line through citation if not conformance and not considered. Include copy with next communication to applicant.	

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				Filing Date		Group Art Unit TBA	
Sheet	2	OF	2				

	A6	Silva et al., Induction of cytochrome-p450 in cryopreserved rat and human hepatocytes (June 1, 1999) Chemico-Biological Interactions, Vol. 121, pages 49-63.
	B1	Cottrell et al., Strain specific enhancement or inhibition of coumarin hepatotoxicity in mice following pretreatment with two different liver enzyme inducing agents (1996) Fundamental and Applied Toxicology, Vol. 34, pages 47-55.
	B2	Asaka et al., Localization of xenobiotic responsive element binding protein in rat hepatocyte nuclei after methylcholanthrene administration as revealed by in situ southwestern hybridization (1998) J. of Histrochem. & Cytochem., Vol. 46, No. 7, pgs 825-832.
	B3	Oinonen et al., Pretranslational induction of cytochrome P4501 A enzymes by $\beta$ -naphthoflavone and 3-methylcholanthrene occurs in different liver zones (1994) Biochemical Pharmacology, Vol. 48, No. 12, pages 2189-2197.
	B4	
	B5	
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